RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 105-

Source:

Date Processed by STIC:

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IFWP

RAW SEQUENCE LISTING DATE: 02/01/2007
PATENT APPLICATION: US/10/570,661 TIME: 12:05:35

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3 <110> APPLICANT: GUILHOT, Christophe
             DAFFE, Mamadou
              HOUSSIN, Christine
              PORTEVIN, Damien
              DE SOUSA, Celia
      9 <120> TITLE OF INVENTION: USE OF PKS 13 PROTEIN CODING FOR CONDENSASE OF MYCOLIC ACIDS
OF
              MYCOBACTERIA AND RELATED STRAINS AS AN ANTIBIOTICS TARGET
     10
     12 <130> FILE REFERENCE: 287229US0XPCT
     14 <140> CURRENT APPLICATION NUMBER: 10/570,661
C--> 15 <141> CURRENT FILING DATE: 2006-03-06
     17 <150> PRIOR APPLICATION NUMBER: PCT/FR04/02257
     18 <151> PRIOR FILING DATE: 2004-09-06
     20 <150> PRIOR APPLICATION NUMBER: FR 0310470
     21 <151> PRIOR FILING DATE: 2003-09-04
     23 <160> NUMBER OF SEQ ID NOS: 31
     25 <170> SOFTWARE: PatentIn version 3.1
     27 <210> SEQ ID NO: 1
     28 <211> LENGTH: 1733
     29 <212> TYPE: PRT
     30 <213> ORGANISM: Mycobacterium tuberculosis
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     42 Val Glu Leu Gly Leu Ser Ser Arg Asp Ala Val Ala Met Ala Ala Asp
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     48 His Pro Thr Ile Glu Ser Leu Ala Thr Arg Ile Ile Glu Gly Glu Pro
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     51 Glu Thr Asp Leu Ala Gly Asp Asp Ala Glu Asp Trp Ser Arg Thr Gly
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    54 Pro Ala Glu Arg Val Asp Ile Ala Ile Val Gly Leu Ser Thr Arg Phe
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                                                    140
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Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\02012007\J570661.raw

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144			595				1	600					605	5		_1.
	Glu	Ala		Leu	Glu	Glu	Leu		Ala	Gln	Glu	Val		Ala	Pro	Leu
147	014	610				0	615			U	014	620		1114	110	шец
	Val		Len	Ala	Val	Ser		Phe	Leu	Thr	Ser		Lvs	Lvs	Δla	Ala
	625					630					635	5	-1-	7		640
		Ala	Glu	Leu	Ala		Trp	Met.	Gln	Ser		Glu	Glv	Gln	Ala	
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164	Asp	Gly	Pro	Val	Thr	Thr	Gly	Pro	Val	Trp	Val	Leu	Ala	Gly	Phe	Gly
	705	•				710	-			•	715			•		720
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170	Phe	Ala	Ala	Trp	Ile	Glu	Lys	Val	Asp	Ala	Leu	Val	Gln	Asp	Glu	Leu
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173	Gly	Tyr	Ser	Val	Leu	Glu	Leu	Ile	Leu	Asp	Asp	Ala	Gln	Asp	Tyr	Gly
174	-	-	755					760		<u> </u>	_		765	_	_	_
176	Ile	Glu	Thr	Thr	Gln	Val	Thr	Ile	Phe	Ala	Ile	Gln	Ile	Ala	Leu	Gly
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179	Glu	Leu	Leu	Arg	His	His	Gly	Ala	Lys	Pro	Ala	Ala	Val	Ile	Gly	Gln
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181	Ser	Leu	Gly	Glu	Ala	Ala	Ser	Ala	Tyr	Phe	Ala	Gly	Gly	Leu	Ser	Leu
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184	Arg	Asp	Ala	Thr	Arg	Ala	Ile	Cys	Ser	Arg	Ser	His	Leu	Met	Gly	Glu
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206	_	930	_	_			935	_			_	940		_	_	_
		ITe	Lys	Pro	GLY	_	Glu	Pro	Ile	Hıs		Val	GIu	Tyr	Trp	
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Input Set : A:\PTO.SS.txt

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217 218	Ala	Leu	Met 995	Gln	Val	Ala	Leu	Thr 1000		Ala	Asp	Ala	Gly 1009		His	Asp
220			Leu	Ile	Pro	Thr	Leu 1019	Ala		Lys	Gln	Asp	Glu		Ser	Ser
221		1010		m 1					m	**- 7	m			3	T	3
224	102	5				1030	_				1039	5				1040
226	Ile	Arg	Thr	Leu	Phe	Ser	Arg	Ala	Ser	Glÿ	Pro	Gln	Asp	Tyr	Ala	Asn
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	Phe	Ser	Glv			Ser	Thr	Tvr			Glv	Thr	His			Len
233			1079	_				1080			1		1085			
		7 ~~			uic	170 T	m-m			777	Dro	7~~			7 an	Va I
		_	_	Arg	HIS	Val	Trp		IÀT	Ala	PIO			GIY	ASII	vaı
236		1090		_		_	109					1100			_	_
238	Asp	Leu	Ala	Ala	Leu		Arg	Ala	Ala	Ala			Val	Leu	Pro	Asp
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244	Arg	Leu	Val	Thr	Thr	Met	Thr	Ara	His	Pro	Glv	Glv	Ala	Ser	Val	Gln
245	_			1140					1145		- 4	• •		1150		
		Wie	7. T. a			Acn	Glu				T.011	17=1	Туг			T.e.11
248		1115	1155	_	116	дол	GIU	1160		TILL	пец	Val	1165	_	HΙα	шец
		0			a 1	C	~1			т	Dana	ml			~1	77.
			_	Ala	GIY	ser	Glu		vai	Leu	PIO			val	GIY	Ald
251		1170					1179				_	1180		_	~-7	1
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256	Pro	Ala	Glu	Asp	Ala	Asp	Ala	Glu	Thr	Leu	Ser	qaA,	Ser	Leu	Thr	Thr
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263			1235		,	_		1240			- 1		1245		-	-
	Glu	Pro			T.e.11	Pro	Trp			Pro	T.011	Tle			Glv	Len
266	Olu	1250		пор	D Cu	110	1255		vai	110	пси	1260		_	0 -1	Lou
	7 0 00			Mot	77.	7707			T	7 ~~	7			Ф.	7 an	Dho
							Arg						GIU			
	1265															1280
271	Asp	Leu	Pro	Pro	Ile	Gln	Leu	Thr	Ala	Val	Arg	Asp	Ala	.Asn		
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281	$rac{1}{2}$			ATA	Gru	п с и	1335		Gry	пys	val	1340	_	1111	JIU	
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	17e 7	1330		~1	77-	α1 - ·	Val		T	D	0			7	C1	C111

Input Set : A:\PTO.SS.txt

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VERIFICATION SUMMARY

DATE: 02/01/2007

PATENT APPLICATION: US/10/570,661

TIME: 12:05:36

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\02012007\J570661.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date